

**IEEE Std C57.12.90-1999**  
(Revision of IEEE C57.12.90-1993)

# **IEEE Standard Test Code for Liquid-Immersed Distribution, Power, and Regulating Transformers**

Sponsor  
**Transformers Committee  
of the  
IEEE Power Engineering Society**

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**Abstract:** Methods for performing tests specified in IEEE Std C57.12.00-1993 and other standards applicable to liquid-immersed distribution, power, and regulating transformers are described. Instrument transformers, step-voltage and induction voltage regulators, arc furnace transformers, rectifier transformers, specialty transformers, grounding transformers, and mine transformers are excluded. This standard covers resistance measurements, polarity and phase-relation tests, ratio tests, no-load-loss and excitation current measurements, impedance and load loss measurements, dielectric tests, temperature tests, short-circuit tests, audible sound level measurements, calculated data, and certified test data.

**Keywords:** tests, transformers, transformer tests

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